

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	454	382/107.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/20 12:59
S2	27	S1 and stabilization	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/20 13:11
S3	454	382/107.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/16 15:51
S4	66	S3 and occlu\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/16 15:51
S5	4	S4 and stabilization	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/16 15:36
S6	35	S4 and (velocity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/16 15:54
S7	1	S5 and acceleration	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/16 15:54
S8	14	S6 and acceleration	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/16 17:00
S9	221	382/106.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/16 17:27
S10	29	S9 and occlu\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/16 15:53

## EAST Search History

S11	341	trajectory with estimation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/16 17:01
S12	166	S11 and (velocity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/16 15:54
S13	85	S12 and acceleration	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/16 15:54
S14	72899	velocity and acceleration	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/17 09:02
S15	13315	S14 and (image\$1 or video)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/16 17:04
S16	24692	(trajectory or motion or position or location) with (estimation or prediction)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/16 17:03
S17	864	S15 and (trajectory or motion or position or location) with (estimation or prediction)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/16 17:04
S18	45472	velocity same acceleration	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/16 17:04
S19	8155	S18 and (image\$1 or video)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/17 09:00
S20	580	S19 and (trajectory or motion or position or location) with (estimation or prediction)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/16 17:57
S21	12157	target same (lost or undetected or disappear or missing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/16 17:11

## EAST Search History

S22	2286	target near3 (lost or undetected or disappear or missing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/17 08:59
S23	2286	S22 and S21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/16 17:11
S24	15	S22 and S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/16 17:27
S25	o	S9 and S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/16 17:27
S26	o	kilman adj filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/16 17:58
S27	3947	kalman adj filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/16 17:58
S28	33	S27 and S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/16 17:58
S29	1536	target near3 (lost or undetected or disappear)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/17 08:59
S30	727	S29 and (image\$1 or video)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/17 09:00
S31	53	S30 and velocity and acceleration	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/17 13:07

## EAST Search History

S32	37	("3330944"   "3668403"   "3706969"   "3766552"   "3775767"   "3870994"   "4122522"   "4151595"   "4163972"   "4196474"   "4197536"   "4213126"   "4316252"   "4319243"   "4418349"   "4516125"   "4706198"   "4823272"   "4827418"   "4845629"   "4866785"   "4928313"   "4972493"   "5018211"   "5063448"   "5111400"   "5142478"   "5170193"   "5200902"   "5201011"   "5245432"   "5245589"   "5268698"   "5268967"   "5321406"   "5334982").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/17 09:14
S33	1357	382/103,106,107.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/17 09:16
S35	332	348/154,155.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/17 09:22
S36	778	348/169-172.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/17 09:23
S37	21	S29 and S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/17 09:23
S38	332	348/154,155.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/17 11:11
S39	1536	target near3 (lost or undetected or disappear)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/18 11:12
S40	778	348/169-172.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/17 13:02
S41	21	S39 and S40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/17 11:29
S42	o	S39 and S38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/17 11:11

## EAST Search History

S43	1137	target near3 (lost or occulu\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/17 11:30
S44	20	S40 and S43	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/17 11:29
S45	0	target near3 occulu\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/17 11:30
S46	1137	target near3 lost	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/17 11:30
S47	196	S46 same track\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/17 11:31
S48	9	("4148029"   "4179696"   "4320287"   "4855932"   "4954837"   "4959800"   "4989186"   "5019824"   "5214433").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/17 12:29
S49	13	((("5867584") or ("5937078") or ("6005610") or ("5631653") or ("5557685") or ("5581629") or ("5410143") or ("5422829") or ("5285273") or ("5210798") or ("5051751") or ("4449127") or ("4148029"))).PN.	USPAT; USOCR	OR	OFF	2005/03/17 12:30
S50	918	background near3 clutter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/17 13:03
S51	24	S39 and S50	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/17 13:03
S52	100	S50 and velocity and acceleration	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/17 17:09
S53	918	background near3 clutter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/17 17:09

## EAST Search History

S54	98	S53 and inertia\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/17 17:50
S55	918	background near3 clutter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/18 07:34
S56	100	S55 and velocity and acceleration	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/18 08:15
S57	56	S56 and inertia\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/17 18:15
S58	26531	(constant adj acceleration) or (constant adj velocity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/18 14:38
S59	918	background near3 clutter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/18 09:40
S60	40	S59 and S58	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/18 07:35
S61	918	background near3 clutter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/18 08:16
S62	98	S61 and inertia\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/18 13:17
S63	98	S62 and (range or position or distance or speed or velocity or acceleration)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/18 08:17
S64	4	("4123134"   "4737028"   "4883348"   "5528354").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/18 08:49
S65	10	("3603992"   "3976998"   "4021801"   "4132989"   "4134113"   "4136343"   "4204210"   "4227194"   "4246580"   "4387373").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/18 08:50

## EAST Search History

S66	10281	target adj track\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/18 09:40
S67	437	S58 and S66	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/18 09:41
S68	69	S67 and inertia\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/18 13:36
S69	25	("3803602"   "3952304"   "3996590"   "4011563"   "4060809"   "4148029"   "4158840"   "4163975"   "4175285" "4179696"   "4241350"   "4649390"   "4891762"   "5187777" "5214433"   "5218648"   "5313212"   "5325098"   "5341143" "5396252"   "5431142"   "5479360"   "5525995"   "5631653" "5689274").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/18 10:35
S70	3728	target near3 (loss or lost)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/18 11:12
S71	42	S58 and S70	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/18 11:12
S72	37	("3330944"   "3668403"   "3706969"   "3766552"   "3775767" "3870994"   "4122522"   "4151595"   "4163972"   "4196474" "4197536"   "4213126"   "4316252"   "4319243"   "4418349" "4516125"   "4706198"   "4823272"   "4827418"   "4845629" "4866785"   "4928313"   "4972493"   "5018211"   "5063448" "5111400"   "5142478"   "5170193"   "5200902"   "5201011"   "5245432"   "5245589"   "5268698"   "5268967"   "5321406" "5334982").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/18 11:18
S73	23	("3935572"   "4050068"   "4128837"   "4148029"   "4179696" "4320287"   "4345252"   "4450446"   "4673938"   "4751511" "4760397"   "4783744"   "4839658"   "4855932"   "4949236"   "4954837"   "4959800"   "4989186"   "5003313" "5019824"   "5051751"   "5113193"   "5115246").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/18 11:19
S74	4	("3646588"   "3935572"   "4642641"   "4746922").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/18 11:44
S75	1357	382/103,106,107.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/18 11:44
S76	332	348/154,155.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/18 11:44

## EAST Search History

S77	778	348/169-172.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/18 11:44
S78	2183	S75 S76 S77	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/18 11:44
S79	72	S59 and S78	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/18 13:38
S80	14	("2968789"   "3579249"   "3641257"   "3924130"   "3988534"   "4096525"   "4133004"   "4218707"   "4220967"   "4386848"   "4405940"   "4490851"   "4603430").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/18 13:05
S81	1	"6813372".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/18 13:05
S82	62	S61 and jitter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/18 13:17
S83	76	S67 and jitter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/18 13:39
S84	63	S58 and S78	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/18 13:49
S85	76	S83 and jitter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/18 13:39
S86	4	S84 and jitter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/18 13:50
S87	45288	trajectory	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/18 13:49
S88	346	S87 same ((constant adj acceleration) or (constant adj velocity))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/18 13:49
S89	59	S88 and (jitter or stabiliz\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/18 14:42



## EAST Search History

S90	165	scene adj correlat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/18 14:39
S91	0	S90 same jitter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/18 14:35
S92	14	("2968789"   "3579249"   "3641257"   "3924130"   "3988534"   "4096525"   "4133004"   "4218707"   "4220967"   "4386848"   "4405940"   "4490851"   "4603430").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/18 14:36
S93	26531	(constant adj acceleration) or (constant adj velocity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/18 14:43
S94	2	S90 and S93	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/18 14:39
S95	45288	trajectory	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/18 14:42
S96	8038	S95 and (jitter or stabiliz\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/18 14:45
S97	9236497	(range or position or distance or acceleration or velocity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/18 14:44
S98	43918	S95 and S97	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/18 14:43
S99	7921	S98 and S96	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/18 14:44
S100	4602	S99 and (acceleration or velocity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/18 14:44
S101	1436	S100 and frame	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/18 14:45

## EAST Search History

S102	1436	S101 and (jitter or stabiliz\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/18 15:23
S103	79	correlation adj tracker	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/03/18 15:24
S104	1088	missile near track\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/20 13:00
S105	31	S104 and "382"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/20 13:00
S106	1141	382/103.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/20 14:51
S108	0	S106 same jitter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/20 14:51
S109	35	S106 and jitter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/20 15:34
S110	896	((object or target) near2 track\$3) same ((reference or background) near2 object)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/24 15:24
S111	50	S110 same (velocity or acceleration)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/21 09:13
S112	1	("5062056").PN.	USPAT; USOCR	OR	OFF	2006/04/21 09:13
S113	12	382/103.ccls. and (((reference or background) near2 object) same (velocity or acceleration))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/24 15:39

## EAST Search History

S114	96	382/103.ccls. and (mov\$3 near2 background)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/24 15:47
S115	35	382/103.ccls. and jitter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/24 16:11
S116	13	((("5867684") or ("5937078") or ("6005610") or ("5631653") or ("5557685") or ("5581629") or ("5410143") or ("5422829") or ("5286273") or ("5210798") or ("5051751") or ("4449127") or ("4148029")).PN.	USPAT; USOCR	OR	OFF	2006/04/24 16:11